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File



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NATURAL RESOURCES

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Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

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April 17, 1980

Mr. Wendell Owen
Co-op Mining Company
P.O. Box 300
Huntington, Utah 84528

#5

RE: Bear Creek Canyon Mine
ACT/015/025
Mine Plan Area Map &
Surety Estimate for Reclamation

Dear Mr. Owen:

Enclosed you will find two things, a copy of the map which you left with the Division on April 8, 1980 which outlines the mine plan area and permit area for the Bear Creek Canyon Mine and the Division's estimate of surety for reclamation for the Bear Creek Canyon Mine.

The map will be considered a part of your official submission for this mine. You will note that on this map we have taken the liberty to enter in the two major faults which were referred to in my letter to you of March 12, 1980. Please retain your copy of this map as a portion of your official submission.

Also enclosed is the estimate of surety for reclamation at the Bear Creek Canyon Mine. The Division has estimated the total amount of the surety to be \$29,800.00, in 1980 dollars. Thirteen percent inflation has been added to this principle amount for a period of five years which is the projected mine life as per your mine plan application. With the thirteen percent inflation for five years added to the principle, the total amount of the bond is \$54,900.00. This amount was approved of by the Board

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in its Executive Meeting of April 10, 1980. At this same meeting the Board also indicated its preference as to the form of the surety which Co-op Mining would supply. That form approved by the Board was a commercial bond, a cash deposit, a certificate of deposit, or a joint account into which your company would deposit the principle sum (\$29,800.00) before operations and that sum would then begin to accrue interest at at least thirteen percent for the remainder of the five years.

The tentative approval letter and notice of publication of tentative approval will be sent to you under seperate cover. In the meantime, if there are any questions on the enclosed map or the estimate of surety, or the form of surety, please contact this office.

Sincerely,



RONALD W. DANIELS
COORDINATOR OF MINED
LAND DEVELOPMENT

RWD/te

Enclosures: Bear Creek Canyon Mine
Plan Area & Permit Area Map,
Surety Estimate (dtd: 4/7/80)

cc: Eldon Kingston
Co-op Mining Co.
53 West Angelo Ave.
S.L.C., Utah 84115

ACT/015/025

DIVISION OF OIL, GAS, AND MINING

BOND ESTIMATE

OPERATOR: Co-op Mining Company
 MINE NAME: Bear Creek Canyon Portal
 LOCATION: Bear Creek Canyon
 COUNTY: Emery
 DATE: April 7, 1980

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	\$3,000.00	Lump sum	\$ 3,000.00
	2. Removal of trash & debris.	\$1,000.00	Lump sum	\$ 1,000.00
	3. Leveling of ancillary facilities pads and access roads.	7200 yd ²	\$0.25/yd ²	\$ 1,800.00
B.	REGRADEING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	9 acres 3700 cy	\$1.23/cy	\$ 4,555.00
	2. Recontouring of highwalls and excavations. (upper pad)	1 acre, 45,000ft ³ -1666'	\$1.23/cy	\$ 2,050.00
	3. Spreading of soil or surficial materials. (lower pad)	10 acres, 74030 yd ³ 200'x1000'x1	\$1.23/cy	\$'9,100.00
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	10 acres	\$25.00/acre	\$ 250.00
	2. Seeding or planting.	10 acres	\$150/acre	\$ 1,500.00
	3. Construction of terraces, waterbars, etc.	N/A	N/A	N/A
D.	LABOR			
	1. Supervision.	30 hours	\$10.00/hour	\$ 300.00
	2. Labor exclusive of bulldozer time.	Included above		
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.	3 portal covers	\$1,500 each	\$ 4,500.00
	2. Removal or neutralization of explosive or hazardous materials.	N/A	N/A	N/A
F.	MONITORING			
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.	10 acres reseeding if necessary	\$175/acre	\$ 1,750.00
			Subtotal	\$29,800.00
G.	OTHER			
	1. 13% inflation for 5 years.		Inflation	\$25,100.00
			TOTAL	\$54,900.00